



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/549,668	09/19/2005	Satoru Shoshi	Q90317	3756
23373 7590 08/06/2007				
SUGHRUE MION, PLLC				
2100 PENNSYLVANIA AVENUE, N.W.				
SUITE 800				
WASHINGTON, DC 20037				
EXAMINER				
ZIRKER, DANIEL R				
ART UNIT		PAPER NUMBER		
1771				
MAIL DATE		DELIVERY MODE		
08/06/2007		PAPER		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary**Application No.**

10/549,668

Applicant(s)

SHOSHI, SATORU

Examiner

Daniel Zirker

Art Unit

1771

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 23 May 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-5 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-5 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SF/ICE)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

1. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.
2. The prior art rejections of record based upon Tsuchiya et al '041 (The rejection based upon its Continuation '440 was a typographical error, and although applicants responded to the '440 rejection no harm is seen to be done) have been withdrawn in view of applicants claim amendments and accompanying remarks.
3. Claims 1-5 are rejected under 35 U.S.C. 103(a) as being unpatentable over JP 2001-260549 machine translation taken in view of JP 11-189762 machine translation, each already of record. JP '549 discloses, as applicants also admit in their specification in the paragraph bridging pages 1-2, a protective adhesive film (note particularly the Abstract and Figure, paragraphs 0014-0017, 0027, 0028, 0031-0033, 0036, 0041, 0043, 0053) substantially an anticipation of at least the broad article claim, disclosing a transparent plastic film 2 which may be a polyester such as acrylic [0015] having directly on one outer surface a suitable tacky acrylic or polyurethane adhesive layer 3 which has its outer surface protected by a release sheet, and on the opposite side of layer 2 a hard coat layer 5 is provided directly thereon. The reference lacks a teaching of the presence of a cured urethane (meth)acrylate layer as the plastic film layer 2, but the secondary reference JP '762 discloses (note particularly the Abstract, claims 1-3, 6, paragraphs 0002, 0004-0007, 0026, 0027) a suitable adhesive sheet substrate comprising a urethane acrylate based composition which is suitable for both energy saving measures and resistance against volatile organic compounds [0002]. Accordingly, one of ordinary skill, motivated by an expectation of an improved adhesive

Art Unit: 1771

sheet substrate having excellent energy saving properties, resistance to organic volatiles and the like would incorporate the urethane acrylate adhesive sheet substrate taught by the secondary reference in place of the polyester and/or acrylic plastic film 2 of JP '549 and thereby form, or clearly render obvious, the claimed genus of protective pressure sensitive adhesive sheets. With respect to the dependent claims the weight average MW range of claim 2 for the cured urethane (meth)acrylate layer is expressly taught by the secondary reference, and the Examiner again respectfully submits that thickness parameters of films (claim 3) and presence of fillers in the hard coat layer (claim 4) are well within the skill of the art, and as to the method of claim 5 the Examiner respectfully admits that the process and its conventional forming, curing and laminating steps are all believed to be routine techniques for one of ordinary skill, in the absence of unexpected results.

4. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

Art Unit: 1771

the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Daniel Zirker whose telephone number is 571-272-1486. The examiner can normally be reached on Monday - Thursday from 8:30 to 6:00. The examiner can also be reached on alternate Fridays.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Terrel Morris, can be reached on 571 - 272 - 1478. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Daniel Zirker/

Primary Examiner, Art Unit 1771